

Special Issue

Insights from Canine Genome Sequencing

Message from the Guest Editor

Over the past decade, *Genes* has devoted several Special Issues to canine genetics and continues to publish the latest research on genetic variation and the molecular basis of traits and diseases in canines. The continued growth in genome sequencing, including the recent explosion in long-read genomics, promises to yield further insights from this important model. The continued importance of canine genetics and genomics is recognized with this Special Issue. This Special Issue will cover all aspects of canine genetics and genomics that use genome-scale data including studies of genetic variation, evolution, domestication, comparative genomics, genome structure and function, and the mapping and analysis of traits, morphologies, behaviors, and diseases. Both original research reports and reviews focused on aspects of canine genome variation are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (20 March 2025)

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About the Journal

Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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